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## DENMARK'S EEL FARM.

It Is Supplied With Fresh Water or Salt, as May Be Needed.

A novel Danish development is the eel farm at Neilsen, on Zealand Island. A piece of lowland along the Ise Fjord has been converted into a pond of 432 acres, averaging two feet in depth, and equipment has been provided for pumping into the naturally somewhat brackish water a supply of fresh water from an adjacent canal or of salt water from the fjord.

Living mostly in fresh water, the eel has the curious habit of seeking the deep sea to spawn on attaining maturity. The eel larvae, drifting helplessly far from land, develop into elvers, and these seek the fresh waters, there to remain until they in turn reach maturity.

For stocking the farm the elvers are trapped as they arrive in the early spring. Through a sluice sufficient pure water is discharged to freshen the fjord in the vicinity, and the elvers thus attracted crawl up the sluice on bands of twisted straw, provided to aid their passage in the swift stream.

From the trap at the head of the sluice they are turned into the pond, being first counted. In this way 50,000 young eels were captured in 1905, and since then larger numbers have been taken, up to 300,000 in 1913.

To get ripe, fully-grown eels for the market, the trap is reversed. Salt water from the fjord is pumped into special boxes, and this attracts the matured individuals whose instincts call to salt water.

The output for 1913 was about 13,000 pounds.—Stray Stories.

## BUT ONE TRIP AT NEW PIER

Not for several weeks was it so quiet at the Boston fish pier as this morning. But one arrival was at the dock when business resumed, the down east schooner Sadie M. Nunan bringing a \$500 pound fare of fresh fish.

Market quotations wholesale were \$5 to \$5.50 a hundred pounds for haddock \$5.50 to \$6 for large and \$3.50 for market cod \$5 to \$7 for hake, \$4 to \$4.25 for pollock and \$3 for cusk.

### Boston Arrivals and Receipts.

The arrivals and receipts in detail are:

Sch. Sadie M. Nunan, 6000 haddock, 700 cod, 1500 hake, 300 cusk.

Haddock \$5 to \$5.50 per cwt.; large cod, \$5.50 to \$6; market cod, \$3.50; hake, \$5 to \$7; pollock, \$4 to \$4.25; cusk, \$3.

### Vessels Fitting.

Capt. Daniel McDonald is fitting sch. Oriole for a fresh halibut trip.

Capt. Michael Smith is fitting sch. Avalon for a similar trip.

Capt. Fred Upshell will now fit sch. Agnes for fresh halibut trip.

### Her Herring All Out.

The steam trawler Baliene reached Halifax Tuesday from Lockport, where she discharged a large cargo of frozen and pickled herring to the Lockport Cold Storage Company.

### Digby Craft Ashore.

The schooner Loran B. Snow, one of the Digby fishing fleet, and owned by Joseph E. Snow, fouled her anchor during Monday night's heavy north-east gale and dragged ashore at Hardy's Point on the high water. When the tide left her at daybreak, it was discovered that a large rock had penetrated the hull and as a heavy sea is still washing the Smith's Cove shore, it is feared further damage will be sustained by the vessel before she can be refloated. Capt. Roy Longmire commanded the vessel which is insured.

### Good Stock.

Sch. Monitor, Capt. George Marr stocked \$207.59 on her recent halibut trip, the crew's share being \$45 clear. Several of the crew also had handline fish, which brought up the high line share to \$62.67.

## NOT A TRIP IN FOR THREE DAYS

Quiet still continues to reign supreme along the water front. This morning, for the third consecutive day, not an arrival was reported.

With clearing weather, the gill netters got underway this morning, to lift their gear, the first time since Monday.

### Today's Arrivals and Receipts

The arrivals and receipts in detail are:

No arrivals today.

### PORT OF GLOUCESTER.

#### Arrivals.

U. S. Coast Guard Steamer Gresham cruising.

#### Fishing Fleet Movements.

Sch. Jessie Costa, haddocking, was in Liverpool, N. S., Tuesday and cleared for fishing.

The British sch. Assurance has arrived at Lunenburg, N. S., from this port.

Sch. James W. Parker, Capt. George W. Tufts, and sch. Georgianna, Capt. Gourley Anderson, were in Shelburne, N. S., Tuesday, and cleared for fishing.

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## GILL NETTERS OUT YESTERDAY

### First Lift Since Monday Brought Many "Scalers" in Day's Catch.

The gill netters were able to get out yesterday, the first time since Monday. Some 30,000 pounds of fish constituted the day's receipts, there being quite a lot of "scalers" and poor fish, which had layed in the nets.

About one-fourth of the day's receipts was pollock, and the rest haddock, cod and hake. The fish was shipped on the early morning boat to Boston.

No off shore arrivals were reported, although a number of coastwise chafts were in harbor for shelter.

### Today's Arrivals and Receipts.

The arrivals and receipts in detail are:

Str. Dolphin, gill netting, 300 lbs. fresh fish.

Str. Sawyer, gill netting, 2500 lbs. fresh fish.

Str. Ethel, gill netting, 1500 lbs. fresh fish.

Str. Julia May, gill netting, 1500 lbs. fresh fish.

Str. Evelyn H., gill netting, 1500 lbs. fresh fish.

Str. Quartette, gill netting, 1100 lbs. fresh fish.

Str. Mary F. Ruth, gill netting, 5500 lbs. fresh fish.

Str. Medomak, gill netting, 300 lbs. fresh fish.

Str. Enterprise, gill netting, 5000 lbs. fresh fish.

Str. Rough Rider, gill netting, 2000 lbs. fresh fish (landed at Rockport).

Str. Carrie and Mildred, gill netting, 3000 lbs. fresh fish.

Str. Quoddy, gill netting, 1000 lbs. fresh fish.

Str. Mystery, gill netting, 500 lbs. fresh fish.

Sch. Mary DeCosta, shore.

Sch. Harriett, shore.

Sch. Adeline, shore.

Sch. Russell, shore.

Sch. Ralph Brown, shore.

Sch. Eva and Mildred, shore.

Sch. Edith Silveira, shore.

Sch. Leonora Silveira, shore.

Sch. Ethel B. Penny, shore.

Sch. Mary F. Sears, shore.

Sch. Mary P. Goulart, shore.

Sch. Alice, shore.

Sch. Emily Sears, shore.

Sch. Actor, shore.

Sch. Jorgina, shore.

Sch. Jeanette, shore.

Sch. Elva L. Spurling, shore.

### TODAY'S FISH MARKET.

#### Salt Fish.

Handline Georges codfish, large, \$5 per cwt.; medium, \$4.25; snappers, 3. Georges halibut codfish, large, \$5; medium, \$4.25. Eastern halibut codfish, large, \$4.25; medium, \$3.75; snappers, \$3. Cusk, large, \$2.50; medium, \$1.75; snappers, \$1.50. Hake, \$1.50. Haddock, \$1.75.

Pollock, \$1.50. Newfoundland herring, \$2.25 bbl. for salt bulk, \$4.25 per bbl. pickled.

#### Fresh Fish.

#### Splitting prices:

Haddock, \$1.10 per cwt. Western cod, large, \$2.25; medium, \$1.50; snappers, 75c. Eastern cod, large, \$2; medium, \$1.50; snappers, 75c. All codfish, not gilled, 10c per pounds less than above. Hake, \$1.25. Cusk, large, \$1.75; medium, \$1.50; snappers, 50c.

Pollock, round, 80c; dressed, 10c. Fresh halibut, 16 1-2c for white, 10c for gray.

Newfoundland frozen herring, 10c lb.

## LIGHT SUPPLY ON THE WEEK-END

### Three Market Boats at New Pier Sold Their Haddock at \$5.50

Three market boats arrived at Boston fish pier over night with 12,000 pounds mixed fresh fish. The \$8000 pounds brought yesterday afternoon by steamer Advance was all the dealers had for new stock.

Dealers paid \$5.50 a hundred weight for haddock, \$6 for large cod to \$3.50 for market cod; \$3.50 for hake, \$4 for pollock, \$2.50 for cusk, 21 cents a pound for fresh halibut.

### Boston Arrivals and Receipts

The arrivals and receipts in detail are:

Sch. Helen B. Thomas, 6000 haddock, 1600 cod, 1000 hake, 1500 cusk, 2000 lb.

Sch. Flavilla 6000 haddock, 1000 cod, 1000 hake, 1500 cusk, 2000 lb.

Sch. Genesta, 7000 haddock, 1000 cod, 1000 hake, 1500 cusk, 2000 lb.

Str. Advance 6000 cod, 2000 haddock, \$5.50 per cwt.; large cod, \$6; market cod, \$3 to \$3.50; hake, \$4; pollock, \$2.50; cusk, \$2.25; 21c per lb.

### Fishing Fleet Movements.

Sch. Gertrude DeCosta arrived Liverpool, N. S., Tuesday and cleared for fishing.

## SMITH WILL BE A TOTAL LOSS

Sch. Priscilla Smith, ashore at dy Point, N. S., will probably be a total loss, according to reports brought by the crew who arrived yesterday.

Everything that can be salvaged being removed from the craft, the hull is full of water, and has been past few days, the craft has been considerably. Capt. Manuel Smith, one of the owners, who went down after the owners' interests, has been at Shelburne, N. S.

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### The Seattle Cod Market.

The Seattle codfish market has been in a very quiet condition during the past month, says the Pacific Fisherman. No new fish has arrived from the north. The independent station fish which came down the latter part of the year is now being worked up by Tacoma and Seattle wholesale houses, and the addition of this supply to an already overloaded market has not tended to keep prices up.



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MAY LOSE SEAL FISHERY.  
Newfoundland Cannot Sell Products  
and There is Demand for Ships.

Unless some plan can be devised within a month whereby the skins and of the hair seal can be utilized by the British government for war supplies, there is a strong possibility that the seal hunt which has been an important factor in the commerce of Newfoundland for many years will be abandoned for the coming season. Because of industrial depression and the war none of last year's catch of 1,000 has been disposed of, and about 300 of the great catch of 372,000 skins of 1913, remains in the hands of brokers in London and New York. The British government has prevented the transport of seal oil to Germany, formerly one of the principal markets. Some time ago negotiations were entered into which it was hoped would result in an arrangement for the British government to take over the entire seal hunt for the coming spring, or use in making winter garments for soldiers. The British government has been received at St. John's, however, that the manufacturers of seal oil for the army find the material unsuitable. In addition, owners of the 10 steel sealers ordinarily sent to the seal grounds in March say that there is a brisk demand for the chartering of seal vessels for trans-Atlantic service. It is argued by many persons who believe that restrictive measures are necessary to protect the seals that present conditions present a favorable opportunity for omitting the hunt this year, and thus permitting the animals to increase probably by about half a million. Should the entire hunt be abandoned it would mean the loss of six or eight weeks' employment ordinarily given to about 4000 men.

**Fulton Market Fish Notes.**  
There was not a great deal of business in the salt water fish market last week because the supply of fish was large and prices on fancy stock were in most cases too high to attract buyers. Fresh fish brought good money every day, the supply being limited. Large cod sold at 20 cents medium at 16 to 18 cents, and small fish at 12 to 15 cents. During the first part of the week there was considerable market cod offered owing to the number of market boats arriving on Monday. For the first three days of the week market cod brought 2 to 5 cents a pound, while 5 to 6 cents was the quotation on Wednesday and Thursday. On Friday the price was 4 to 5 cents. During the week steak cod sold at 6 to 12 cents. The highest prices prevailed on Monday, Wednesday and Thursday. Haddock went up to 7 cents on Thursday, but it was very fine fish at that time. On other days of the week prices were made at 3 to 6 cents. On Wednesday and Thursday the variety sold at 3 to 6c. There was very little western white fish in the market. The first three days of the week the price was 16 cents. At closing time Friday sales were being made at 14 cents. A little western white halibut was received, but it was said that the quotation was 20 cents. Pollock brought 4 to 6 cents.

**CAPT. PORPER IN  
WITH BIG CATCH**

**Noted Halibut Killer Brings  
Sch. Cavalier Home With  
50,000 Pound Fare.**

With the biggest halibut trip of the winter, sch. Cavalier, Capt. Robert B. Porper, arrived yesterday afternoon about 2:30 o'clock hauling for 50,000 pounds halibut and about 5000 pounds salt cod. The Cavalier has been absent four weeks and fished on Green Bank. The crew had quite a number of headline fish on the trip and evidently found good fishing. The Cavalier lost 18 skates of trawl on the trip. Sch. Georgianna from the Cape Shore had a 25,000 pound fare which sold at the Gloucester Fresh Fish Company's wharf. None of the gill netters were out Saturday, but yesterday most of the fleet lifted, taking about 21,000 pounds fish. The Orion was high line with 6000 weight pollock.

**Today's Arrivals and Receipts.**  
The arrivals and receipts in detail are:  
Sch. Cavalier, Green Bank, 50,000 lbs. fresh halibut, 5000 lbs. salt cod.  
Sch. Georgianna, Cape Shore, 25,000 lbs. fresh fish.

**Sunday's Gill Netting Fares.**  
Str. Orion, gill netting, 6000 lbs. fresh fish.  
Sch. Ethel, gill netting, 1000 lbs. fresh fish.  
Str. Sawyer, gill netting, 1000 lbs. fresh fish.  
Str. Mary F. Ruth, gill netting, 2800 lbs. fresh fish.  
Str. Julia May, gill netting, 800 lbs. fresh fish.  
Str. Evelyn H., gill netting, 500 lbs. fresh fish.  
Str. Dolphin, gill netting, 400 lbs. fresh fish.  
Sch. Medomak, gill netting, 400 lbs. fresh fish.  
Str. Carrie and Mildred, gill netting, 3000 lbs. fresh fish.  
Str. Quoddy, gill netting, 3000 lbs. fresh fish.  
Str. Enterprise, gill netting, 1000 lbs. fresh fish.  
Str. Mystery, gill netting, 500 lbs. fresh fish.  
Str. Rough Rider, gill netting, 500 lbs. fresh fish.  
Str. Hugo, gill netting, 200 lbs. fresh fish.

**TODAY'S FISH MARKET.**  
**Salt Fish.**  
Handline Georges codfish, large, \$5 per cwt.; medium, \$4.25; snappers, 3.  
Georges halibut codfish, large, \$5; medium, \$4.25.  
Eastern halibut codfish, large, \$4.25; medium, \$3.75; snappers, \$3.  
Cusk, large, \$2.50; medium, \$1.75; snappers, \$1.50.  
Hake, \$1.50.  
Haddock, \$1.75.  
Pollock, \$1.50.  
Newfoundland herring, \$3.25 per bbl. for salt bulk, \$4.25 per bbl. for pickled.

**Fresh Fish.**  
Splitting prices:  
Haddock, \$1.10 per cwt.  
Western cod, large, \$2.25; medium, \$1.50; snappers, 75c.  
Eastern cod, large, \$2; medium, \$1.50; snappers, 75c.  
All codfish, not gilled, 10c per 100 pounds less than above.  
Hake, \$1.25.  
Cusk, large, \$1.75; medium, \$1.15;; snappers, 50c.  
Pollock, round, 80c; dressed, 90c.  
Fresh halibut 11c for white and 7 1-2c for gray.

Newfoundland frozen herring, 3c per lb.

**MORE FROZEN  
HERRING COMING**

Capt. Norman A. Ross arrived overland last night from Lunenburg, N. S. The British sch. Artisan which left here December 11 in charge of Capt. Ross, sailed from Lunenburg this morning with a full cargo of Newfoundland herring and salt fish, which will be taken by the Gorton-Pew Fisheries company, one of the firms which chartered the vessel. The Artisan has 200 barrels pickled herring, 175,000 pounds frozen herring and 200,000 pounds salt cod.

**CAR TRACKS TO  
NEW PIER AT ONCE**

The street car connection so urgently needed by the new South Boston Fish Pier since it was built is to be constructed at once by the Boston Elevated Company, the plans to be approved by the Port Directors. The state will pay the entire cost of construction and the Elevated will thereafter pay four per cent. of the state's investment. Such is the statement made yesterday by the Port Directors. The contract will expire July 1, 1922, but it may be renewed by mutual agreement. It is expected that the contract will be signed by the Port Directors and representatives of the railway tomorrow. Then it will go to the governor and council.

The new line will run on the viaduct from Summer street to Commonwealth Pier, then branch off to the Fish Pier.

**PRISCILLA SMITH A TOTAL LOSS.**

Latest reports from Shelburne, N. S., indicate that sch. Priscilla Smith of this port, which went ashore a week ago today while making harbor, is a total loss. According to information given by the crew, the Smith poked her nose on the rocks during a blinding snow storm, near Deming's Island. She had between 15,000 and 20,000 pounds fish aboard at the time.

**Installing Freezer Machinery.**  
Mr. Michaelson of Philadelphia, an expert in freezer machinery equipment is here, installing the new equipment at the Cooney plant at the Fort.

**STORY OF TWO  
HUB FISH PIERS**

**New Mart Has Six Trips and  
Old T Wharf Four on  
Opening Day.**

With the re-opening of old T wharf, Boston now has two wholesale fish marts. At T wharf, four arrivals were reported this morning while at the new pier, six fares were on hand.

The fleet at the former were shore crafts with new fish. At the new pier, the off shores brought the bulk of supply. Steamer Wave had 83,000 pounds, of which 34,000 pounds were scrod. Sch. Gov. Foss, Capt. Fred Thompson, had 47,000 pounds and sch. Elsie, Capt. William French had 57,000 pounds and 400 weight of fresh halibut.

Wholesale prices at both markets were \$3.75 to \$6 a hundred pounds for haddock, \$6 to \$6.50 for large cod, \$3.50 to \$4 for market cod, \$4 to \$7 for hake, \$4 to \$4.50 for pollock, \$3.75 for cusk and 17 cents a pound for halibut.

**Boston Arrivals and Receipts.**  
The arrivals and receipts in detail are:

**ARRIVALS AT T WHARF.**  
Sch. Elizabeth W. Nunan, 10,000 haddock, 2000 cod, 5000 hake.  
Sch. Angeline C. Nunan, 9000 haddock, 300 cod 10,000 hake.  
Sch. Matthew S. Greer, 13,000 haddock, 3000 cod, 1500 hake.  
Sch. Elva L. Spurling, 5000 haddock, 100 cod, 300 cusk.

**ARRIVALS AT BOSTON FISH PIER.**  
Str. Wave, 78,000 haddock, 5000 cod.  
Sch. Elsie, 41,000 haddock, 7500 cod, 3000 hake, 5500 cusk, 400 halibut.  
Sch. Manomet, 4000 haddock, 500 cod, 2000 hake, 1000 cusk.  
Sch. Waltham, 13,000 haddock, 1000 cod, 5000 hake.  
Sch. Sadie M. Nunan, 4000 haddock, 500 cod, 2500 hake.  
Sch. Gov. Foss, 37,000 haddock, \$500 cod, 2000 cusk.  
Haddock, \$3.75 to \$6 per cwt.; large cod, \$6 to \$6.50; market cod, \$3.50 to \$4; hake, \$4 to \$7; pollock, \$4 to \$4.50; cusk, \$3.75; halibut 17c per lb.

**Dropped in Value a Little.**  
A drop of \$181,176 in the value of fish products and marine animals taken by Canadian fishermen last year is shown by the annual report of the fisheries branch just issued. The total for the year was \$33,207,748, the number of men employed being 71,776. There were 1,992 vessels and tugs used and 37,686 boats. Shore work and canneries gave employment to 26,893. An increase of 2,789 in the number of gasoline boats shows the passing of the sailing craft. The report emphasizes the fact that Canada's fisheries are the most extensive in the world. Canadian waters containing the principal commercial food fishes in greater abundance than those of any other country.